

CLAIMS:

1 1. (previously presented) A screen assembly for a shale shaker, the screen
2 assembly comprising
3 a panel,
4 a support structure,
5 the panel having an area provided with a multiplicity of apertures
6 and at least one layer of screening material arranged over the multiplicity of
7 apertures,
8 the panel having at least one support rib for supporting the panel,
9 the panel removable from said support structure, and
10 at least one member arranged between said panel and said support
11 structure within the perimeter of said panel over which said at least one support
12 rib and said panel is deflectable such that at least two spans are defined by said
13 panel.

14 2. - 4. Canceled

1 5. (previously presented) The screen assembly of Claim 1 wherein at least one
2 of said support structure and said panel comprises said at least one member over
3 which said panel is deflectable in use.

1 6. (previously presented) The screen assembly of Claim 5 wherein said support
2 structure comprises a structural support member and said panel comprises a
3 corresponding support member, which engage to form said at least one member over
4 which said panel is deflectable.

1 7. (previously presented) The screen assembly of Claim 6 wherein one of said
2 structural support member and said support member has a convex rounded profile and
3 the other has a corresponding concave rounded profile.

1 8. (previously presented) The screen assembly of Claim 6 wherein said
2 structural support member comprises a bar or tube extending across a substantial
3 portion of said structural support.

1 9. (previously presented) The screen assembly of Claim 6 wherein said support
2 member comprises a portions having openings therein.

3 10. - 12. Canceled

1 13. (previously presented) The screen assembly of Claim 1 wherein said
2 support structure comprises an outer frame and cross members.

14. - 38. Canceled